

## Characteristics of SCOS97 and Other Episodes Under Consideration for Modeling

Episode	Days of Week	Episode Type(s)	Maximum 1-Hour/8-Hour Ozone Concentration (pphm)							
			SCAB	Ventura	San Diego	Mojave Desert	Santa Barbara	Imperial County	Northern Mexico	
									Mexicali	Tijuana/Rosarito
August 3-7, 1997	Sunday–Thursday	1-, 2-, 3-	19 / 13.0	13 / 11.5	12 / 9.9	14 / 11.3	10 / 8.7	10 / 9.3	9 / 7.5	10 / 8.0
September 3-6, 1997	Wednesday–Saturday	1-, 2, 3-	16 / 9.9	10 / 7.5	13 / 9.0	10 / 7.7	9 / 7.5	8 / 5.8	10 / 6.6	8 / 6.4
September 21-23, 1997	Sunday–Tuesday	4	11 / 8.8	10 / 8.8	10 / 7.9	7 / 6.1	14 / 10.8	16 / 9.2	17 / 9.7	10 / 7.9
September 26-29, 1997	Friday–Monday	1-, 2-, 4-	17 / 10.7	12 / 9.7	11 / 9.6	10 / 7.7	11 / 9.3	11 / 7.0	13 / 9.8	11 / 8.5
October 30–November 1, 1997	Thursday–Saturday	5	10 / 6.3	11 / 8.1	14 / 11.9	8 / 7.2	9 / 7.6	12 / 8.3	21 / 11.4	12 / 9.6
July 14-19, 1998 *	Tuesday–Sunday	1	24 / 20.6	17 / 15.2	16 / 14.2	20 / 14.8	12 / 9.8	12 / 10.1	17 / 10.3	12 / 7.7
National 1- and 8-Hour Design Values: 1997→			21.5 / 14.8	15.2 / 11.5	13.8 / 9.9	17.5 / 12.4	13.0 / 8.9	16.0 / 10.3		
			1998→	21.7 / 15.4	14.4 / 11.2	13.5 / 10.2	16.7 / 12.7	13.0 / 8.7		
			1999→	21.1 / 14.7	13.4 / 10.6	13.5 / 9.9	16.6 / 11.8	10.8 / 8.2		
State 1-Hour Design Value: 1997→			24	15	13	16	11	16		
			1998→	22	14	13	18	11		
			1999→	21	14	13	16	10		

### Episode Types

- 1 South Coast Air Basin ozone maximum
- 2 upper level transport to San Diego
- 3 secondary South Coast Air Basin ozone maximum with transport into Mojave Desert
- 4 eddy transport to Ventura following episode in South Coast Air Basin
- 5 off-shore surface transport to San Diego

\* There is no aloft air quality data available for the July 1998 episode.